

Freeform Search

Database:

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Term:

6596314.pn.

Display:

20

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1

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DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR

L13 6596314.pn.
L12 4200098.pn.
L11 3916899.pn.
L10 3845770.pn.
L9 3845770.pn.
L8 4077407.pn.
L7 6245357.pn.
L6 5614578.pn.
L5 5830502.pn.
L4 6174547.pn.
L3 20030198619.pn.
L2 20030232078.pn.

2 L13
 2 L12
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L1 20020071863.pn.

2 L1

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Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L70	wong.in. near patrick	380
<input type="checkbox"/>	L69	yum.in. near alicia	2
<input type="checkbox"/>	L68	shafi.in. near keru	4
<input type="checkbox"/>	L67	dong.in. near liang	163
<input type="checkbox"/>	L64	l48 and @ad<20020628	6
<input type="checkbox"/>	L63	5,312,390.pn.	2
<input type="checkbox"/>	L62	l61 and @ad<20020628	35
<input type="checkbox"/>	L61	l55 same capsules	101
<input type="checkbox"/>	L60	l59 and @ad<20020628	68
<input type="checkbox"/>	L59	l53 same capsules same wall	111
<input type="checkbox"/>	L58	L57 same wall	25
<input type="checkbox"/>	L57	L55 same capsules	101
<input type="checkbox"/>	L56	L55 and capsules	562
<input type="checkbox"/>	L55	l53 same hydrophilic	1778
<input type="checkbox"/>	L54	L53 and capsules	9268
<input type="checkbox"/>	L53	gelatin same (HPMC or HEC or HPC or hydroxymethylcellulose or hydroxypropylcellulose or (hydroxypropyl adj cellulose))	16865
<input type="checkbox"/>	L52	L51 same (permeation or impermeable)	3
<input type="checkbox"/>	L51	Kollicoat	174
<input type="checkbox"/>	L50	L49 and (controlled near release)	13
<input type="checkbox"/>	L49	latex same permeation	666
<input type="checkbox"/>	L48	polymethylacrylate near latex\$	13
<input type="checkbox"/>	L47	polymethylacrylate near latex	13
<input type="checkbox"/>	L39	l38 and @ad<20020628	36
<input type="checkbox"/>	L38	L37 and osmotic	66
<input type="checkbox"/>	L37	impermeable same (latex or \$latex)	1576
<input type="checkbox"/>	L25	5312388.pn.	2
<input type="checkbox"/>	L24	l23 and @ad<20020628	51
<input type="checkbox"/>	L23	L22 and orifice	71
<input type="checkbox"/>	L22	L21 and l4	81

☐	L21	osmotic near device	1107
☐	L20	9213521.pn.	3
☐	L18	2001036472.pn.	3
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
☐	L8	5830502.pn.	2
☐	L6	I4 and (liquid same drug)	117
☐	L5	L4 same reservoir	3
☐	L4	(push near layer)	901

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Search Results -

Term	Documents
"4200098"	5
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"4200098".PN..PGPB,USPT,EPAB,JPAB,DWPI.	2
(4200098.PN.).PGPB,USPT,EPAB,JPAB,DWPI.	2

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DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR

<u>L12</u>	4200098.pn.	2	<u>L12</u>
<u>L11</u>	3916899.pn.	4	<u>L11</u>
<u>L10</u>	3845770.pn.	3	<u>L10</u>
<u>L9</u>	3845770.pn.	3	<u>L9</u>
<u>L8</u>	4077407.pn.	2	<u>L8</u>
<u>L7</u>	6245357.pn.	2	<u>L7</u>
<u>L6</u>	5614578.pn.	2	<u>L6</u>
<u>L5</u>	5830502.pn.	2	<u>L5</u>

<u>L4</u>	6174547.pn.	2	<u>L4</u>
<u>L3</u>	20030198619.pn.	2	<u>L3</u>
<u>L2</u>	20030232078.pn.	2	<u>L2</u>
<u>L1</u>	20020071863.pn.	2	<u>L1</u>

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No DP

L14: Entry 1 of 1

File: USPT

Jul 22, 2003

DOCUMENT-IDENTIFIER: US 6596314 B2

TITLE: Controlled release liquid active agent formulation dosage forms

impermeable to Drug only
permeable to water

Detailed Description Text (44):

The wall 22 is formed to be permeable to the passage of an external fluid, such as water and biological fluids, and it is substantially impermeable to the passage of active agent, osmagent, osmopolymer and the like. As such, it is semipermeable. The selectively semipermeable compositions used for forming the wall are essentially nonerodible and they are insoluble in biological fluids during the life of the dosage form. Wall 22 need not be semipermeable in its entirety, but at least a portion of wall 22 should be semipermeable to allow fluid to contact or communicate with push layer 28 such that push layer 28 imbibes fluid during use. Specific materials for the fabrication of semipermeable wall 22 are well known in the art, and representative examples of such materials are described later herein.

Detailed Description Text (50):

Wall 22 also can comprise a flux regulating agent. The flux regulating agent is a compound added to assist in regulating the fluid permeability or flux through wall 22. The flux regulating agent can be a flux enhancing agent or a decreasing agent. The agent can be preselected to increase or decrease the liquid flux. Agents that produce a marked increase in permeability to fluid such as water, are often essentially hydrophilic, while those that produce a marked decrease to fluids such as water, are essentially hydrophobic. The amount of regulator in the wall when incorporated therein generally is from about 0.01% to 20% by weight or more. The flux regulator agents in one embodiment that increase flux include polyhydric alcohols, polyalkylene glycols, polyalkylenediols, polyesters of alkylene glycols, and the like. Typical flux enhancers include polyethylene glycol 300, 400, 600, 1500, 4000, 6000 and the like; low molecular weight glycols such as polypropylene glycol, polybutylene glycol and polyamylene glycol; the polyalkylenediols such as poly(1,3-propanediol), poly(1,4-butanediol), poly(1,6-hexanediol), and the like; aliphatic diols such as 1,3-butylene glycol, 1,4-pentamethylene glycol, 1,4-hexamethylene glycol, and the like; alkylene triols such as glycerine, 1,2,3-butanetriol, 1,2,4-hexanetriol, 1,3,6-hexanetriol and the like; esters such as ethylene glycol dipropionate, ethylene glycol butyrate, butylene glycol dipropionate, glycerol acetate esters, and the like. Representative flux decreasing agents include phthalates substituted with an alkyl or alkoxy or with both an alkyl and alkoxy group such as diethyl phthalate, dimethoxyethyl phthalate, dimethyl phthalate, and [di(2-ethylhexyl) phthalate], aryl phthalates such as triphenyl phthalate, and butyl benzyl phthalate; insoluble salts such as calcium sulphate, barium sulphate, calcium phosphate, and the like; insoluble oxides such as titanium oxide; polymers in powder, granule and like form such as polystyrene, polymethylmethacrylate, polycarbonate, and polysulfone; esters such as citric acid esters esterified with long chain alkyl groups; inert and substantially water impermeable fillers; resins compatible with cellulose based wall forming materials, and the like.

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